



# COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
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**PAGAN RIVER**  
**Growing Area #061**  
**Isle of Wight County**  
**Shoreline Sanitary Survey**

**Date:** 7 April 2006  
**Survey Period:** July 11, 2005 – March 17, 2006  
**Total Number of Properties Surveyed:** 2107  
**Surveyed by:** S.E. Naylor, and J.H. Ray

## **SECTION A: GENERAL**

This survey area extends from Reference Point 62 at Route 703 extended to the Burwell Bay shore at Rushmere to Reference Point 63 at Ballard Marsh triangulation point "Max," including the James River shoreline between these two points, Pagan River, Williams Creek, Tormentor Creek (excluding Tormentor Lake), Lawson Creek, Canal Run, Blairs Creek, Mount Holly Creek, Cypress Creek [Little Creek, portions of Champion Swamp (excluding Scotts Factory Pond)], Moon Creek, Jones Creek (Town Farm Creek, Carrollton Branch, and Titus Creek), and all of their tributaries. The survey boundary was revised to eliminate properties adjacent to several impoundments. See map for current boundary and impoundment areas.

There is a wide variety of topography in the area. The James River shore is characterized by high bluffs above a narrow beach. The Pagan River and its major tributaries, Cypress Creek, and Jones Creek have rather extensive marshlands. Around their mouths, and continuing upstream a significant distance, the marshlands diminish and the elevation changes from moderate to extreme. The population density is moderate to sparse along the upper drainage basins with greater concentrations in the areas of Burwell Bay, the Town of Smithfield, Battery Park, Rescue, and Carrollton. The economy is based primarily on the Smithfield pork industry, agriculture, and other service oriented businesses in the area.

Meteorological data indicated that the area received a total rainfall of 36.29" for the survey period. A monthly breakdown is as follows:

July 11-31, 2005	5.97"	December	4.51"
August	4.59"	January, 2006	3.16"
September	3.91"	February	1.35"
October	8.66"	March 1-17	<u>0.17"</u>
November	3.97"	<b>Total</b>	<b>36.29"</b>

This area is renowned for its processed pork products. There are a few remaining swine raising operations in the area where the animal population fluctuates seasonally during the year. Swine are processed locally at two large processing plants in Smithfield. The industrial wastes from these plants were connected to the Hampton Roads Sanitation District (HRSD) several years ago. However a previous direct discharge pipe from one of the plants appeared to be leaking to the Pagan River at the time of this survey (see # 6). The Department of Environmental Quality and the Isle of Wight County Health Department were made aware of this discharge. Since the last survey of this area, Queen Anne's Court Townhouses have been connected to HRSD. This neighborhood had previously been serviced by a small, private treatment plant. The Burwell Bay community in this area was devastated by Hurricane Isabel in fall 2003, with very few beach-side cabins remaining intact.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the Internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

This report lists only those properties which have a sanitary deficiency or have other environmental significance. "**DIRECT**" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

76. **DIRECT** – Carrollton Court Housing Complex, Carrollton 23314. Owner: Robert L. Magette, PO Box 423, Smithfield 23430. VPDES Permit # VA0088072. Design Flow .0037 MGD. Treatment consists of sewage pumping, screening, flow equalization, activated sludge aeration, secondary sedimentation, chlorination, dechlorination post aeration, plant outfall, aerobic sludge digestion, and sludge hauling to final disposal. Final effluent discharges to an unnamed tributary of Titus Creek.

### **ONSITE SEWAGE FACILITIES**

2. CONTRIBUTES POLLUTION – 14286 Burwell's Bay Road, Smithfield 23430. Dwelling - white vinyl siding doublewide trailer with red shutters. 3 persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 7-12-05 to field # A59.
3. CONTRIBUTES POLLUTION – 6347 Old Stage Highway, Smithfield 23430. Dwelling - white vinyl siding 2-story with green shutters. 2 persons. Effluent erupting from peat filtration system tank to ground surface. Sanitary Notice issued 7-19-05 to field # A65.

8. CONTRIBUTES POLLUTION – 17066 Oak Tree Lane, Smithfield 23430. Dwelling - white camper trailer with blue trim. 1 person. Effluent erupting from trailer via sewage pipe directly onto ground surface. Sanitary Notice issued 8-5-05 to field # A264.
9. CONTRIBUTES POLLUTION – 9318 Old Stage Highway, Smithfield 23430. Dwelling - white asbestos siding 1 ½ story. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 8-5-05 to field # A268.
10. CONTRIBUTES POLLUTION – 9310 Old Stage Highway, Smithfield 23430. Dwelling - white vinyl siding 1-story with tan trim. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-5-05 to field # A269.
11. CONTRIBUTES POLLUTION – 16055 Griffin Lane, Smithfield 23430. Dwelling - white vinyl siding 1-story. No contact. Hole in lid of septic tank, contents exposed. Sanitary Notice issued 8-8-05 to field # A279.
12. CONTRIBUTES POLLUTION – 8860-8854 Smithfield Apartment Lane, Smithfield 23430. Owner: Smithfield Apartments, 915 South Church Street, Smithfield 23430. Dwelling - white vinyl siding 1-story apartment building. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-8-05 to field # A288.
13. CONTRIBUTES POLLUTION – 8812-8802 Smithfield Apartment Lane, Smithfield 23430. Owner: Smithfield Apartments, 915 South Church Street, Smithfield 23430. Dwelling - white vinyl siding 1-story apartment building. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 8-8-05 to field # A292.
14. CONTRIBUTES POLLUTION – 103 Beech Court, Smithfield 23430. Dwelling - tan vinyl siding 2-story with maroon shutters. 5 persons. Hole dug in yard exposing part of drainfield, odor and black algae present. Sanitary Notice issued 8-11-05 to field # A343.
15. CONTRIBUTES POLLUTION – 207 Plantation Lane, Smithfield 23430. Dwelling - white vinyl siding 1-story with blue trim. 3 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-16-05 to field # A442.
20. CONTRIBUTES POLLUTION – 15379 Lawson Creek Lane, Smithfield 23430. Dwelling - natural wood siding 1-story. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 8-19-05 to field # A511.
21. CONTRIBUTES POLLUTION – 8336 Kings Landing Lane, Smithfield 23430. Dwelling - gray vinyl siding 1-story with blue shutters. 5 persons. Effluent erupting from drainfield onto ground surface approximately 250' from the Pagan River. Sanitary Notice issued 8-22-05 to field # A533.

27. CONTRIBUTES POLLUTION – 11222 Cindale Drive, Smithfield 23430. Owner: Blair Creek Mobile Home Park, 915 South Church Street, Smithfield 23430. Dwelling - light brown trailer with cream skirt. No contact. Broken PVC pipe on cleanout from trailer to septic tank. Sanitary Notice issued 9-9-05 to field # A775.
32. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 18 Hearn Drive, Smithfield 23430. Dwelling - white and gray house trailer. 2 persons. Laundry waste water discharging from pipe onto ground surface. Sanitary Notice issued 11-9-05 to field # A928.
38. CONTRIBUTES POLLUTION – 17555 Scotts Factory Road, Smithfield 23430. Dwelling - gray asbestos siding 1-story with white trim. 1 person. Effluent erupting from end of drainfield onto ground surface. Sanitary Notice issued 1-10-06 to field # A1035.
40. CONTRIBUTES POLLUTION – 18286 Hollydale Lane, Smithfield 23430. Dwelling - gray vinyl siding 2-story with blue shutters. 3 persons. Effluent erupting from end of drainfield onto ground surface. Sanitary Notice issued 1-10-06 to field # A1038
42. CONTRIBUTES POLLUTION – 19025 Muddy Cross Drive, Smithfield 23430. Dwelling - gray vinyl siding doublewide house trailer with red shutters. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 1-12-06 to field # A1074.
44. CONTRIBUTES POLLUTION, ***DIRECT*** – 27 Pleasant Lane, Smithfield 23430. Dwelling - white vinyl siding 2-story with black shutters. No contact. Effluent erupting from drainfield onto ground surface approximately 50' from Moon Creek at 4' elevation. Sanitary Notice issued 2-6-06 to field # A1305.
46. CONTRIBUTES POLLUTION – 20471 Battery Park Road, Battery Park 23304. Dwelling - brick 1-story with white trim. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 2-9-06 to field # A1331.
47. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), ***DIRECT*** – 20531 Warwick Street, Battery Park 23304. 2 persons. Laundry waste water erupting from grease trap onto ground surface approximately 300' from Pagan River at 10' elevation. Sanitary Notice issued 2-10-06 to field # A1349.
53. CONTRIBUTES POLLUTION – 20420 Todd Avenue, Battery Park 23304. Dwelling - beige aluminum siding house trailer with green shutters. 4 persons. Effluent erupting from end of drainfield onto ground surface. Sanitary Notice issued 2-16-06 to field # A1405.
54. CONTRIBUTES POLLUTION – 20248 Bowden Lane, Smithfield 23430. Dwelling - yellow vinyl siding doublewide house trailer with red shutters. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 2-16-06 to field # A1415.

55. CONTRIBUTES POLLUTION, ***DIRECT*** – 20370 Hayes Lane, Smithfield 23430. Dwelling - brown wood siding 2-story with red trim and stone front. No contact. Effluent erupting from drainfield onto ground surface approximately 50' from Jones Creek at 10' elevation. Sanitary Notice issued 2-16-06 to field # A1429.
56. CONTRIBUTES POLLUTION – 20240 Paleo Point Lane, Smithfield 23430. Dwelling - cream vinyl siding and brick 1-story. 2 persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 2-17-06 to field # A1440.
57. CONTRIBUTES POLLUTION – 20182 Paleo Point Lane, Smithfield 23430. Dwelling - white vinyl siding doublewide house trailer with black shutters. 2 persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 2-17-06 to field # A1441.
59. CONTRIBUTES POLLUTION – Carrollton Miller Mart, 19417 Brewers Neck Boulevard, Carrollton 23314. Business - gas station and convenience store. 1 employee. Effluent draining from side of building via 2" PVC pipe onto ground surface. Sanitary Notice issued 3-3-06 to field # A1486.
60. CONTRIBUTES POLLUTION – 14346 Chapman's Lane, Carrollton 23314. Dwelling - yellow vinyl siding 1-story with black shutters. No contact. Broken cap on septic tank cleanout pipe. Sanitary Notice issued 3-3-06 to field # A1493.
61. CONTRIBUTES POLLUTION – 20341 Brewers Neck Boulevard, Carrollton 23314. Dwelling - brick 1-story with green vinyl trim and black shutters. No contact. Effluent erupting from septic tank and drainfield onto ground surface. Sanitary Notice issued 3-8-06 to field # A1503.
65. CONTRIBUTES POLLUTION – 13267 Holly Lane, Carrollton 23314. Dwelling - natural wood cabin 2-story. 7 persons. Effluent erupting from distribution box onto ground surface approximately 100' from Jones Creek at 15' elevation. Sanitary Notice issued 3-9-06 to field # A1538.
66. CONTRIBUTES POLLUTION – 13330 Col. Hogan Lane, Carrollton 23314. Dwelling - taupe vinyl siding 1 ½ story. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 3-9-06 to field # A1543.
68. CONTRIBUTES POLLUTION, ***DIRECT*** – 13477 Col. Hogan Lane, Carrollton 23314. Dwelling - white vinyl siding 2-story with blue shutters. No contact. Effluent erupting from septic system onto ground surface and directly into tributary of Jones Creek. Sanitary Notice issued 3-10-06 to field # A1551.
70. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 21503 Reynolds Drive, Carrollton 23314. Dwelling - white wood siding 1 ½ story. 3 persons. Laundry and kitchen waste water discharging from house via 4" white PVC pipe onto ground surface. Sanitary Notice issued 3-10-06 to field # A1563.
72. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 12778 Nike Park Road, Carrollton 23314. Dwelling - brick 1-story with white trim. No contact. Effluent erupting from grease trap onto ground surface. Sanitary Notice issued 3-13-06 to field # A1584.

74. CONTRIBUTES POLLUTON, ***DIRECT*** – 12303 Titus Point Lane, Carrollton 23314. Dwelling - white vinyl siding 2-story with matching detached garage. 2 persons. Effluent erupting from end of drainfield onto ground surface approximately 10' from Titus Creek at 10' elevation. Sanitary Notice issued 3-15-06 to field # A1614.
75. CONTRIBUTES POLLUTION, ***DIRECT*** – 21197 Titus Creek Drive, Carrollton 23314. Dwelling - white concrete block 1-story house. 3 persons. Effluent erupting from under house onto ground surface approximately 15' from Titus Creek at 10' elevation. Sanitary Notice issued 3-16-06 to field # A1618.
77. CONTRIBUTES POLLUTION – 12485 Haynes Lane, Carrollton 23314. Dwelling - gray vinyl siding 1-story. 4 persons. Effluent erupting from drainfield mound onto ground surface. Sanitary Notice issued 2-10-06 to field # B414.
79. CONTRIBUTES POLLUTION – 21436 Titus Creek Drive, Carrollton 23314. Dwelling - gray siding 1 ½ story with white trim. 2 persons. Effluent erupting from drainfield mound onto ground surface. Sanitary Notice issued 2-10-06 to field # B407.
80. CONTRIBUTES POLLUTION – 21408 Titus Creek Drive, Carrollton 23314. Dwelling - white siding 2-story with black shutters. No contact. Effluent erupting from drainfield mound onto ground surface. Sanitary Notice issued 2-10-06 to field # B406.
81. CONTRIBUTES POLLUTION – 21392 Titus Creek Drive, Carrollton 23314. Dwelling - yellow vinyl siding 2-story with black shutters. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 2-10-06 to field # B405.
83. CONTRIBUTES POLLUTION – 12270 Smiths Neck Road, Carrollton 23314. Dwelling - white wood siding 2-story. 2 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 2-10-06 to field # B397.
85. CONTRIBUTES POLLUTION – 106 Titus Court, Carrollton 23314. Dwelling - light gray vinyl siding 1-story with white trim. 4 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 2-9-06 to field # B380.
86. CONTRIBUTES POLLUTION – 12076 Blue Wing Drive, Carrollton 23314. Dwelling - tan vinyl siding house trailer with brown shutters. No contact. Effluent erupting from septic tank and drainfield onto ground surface. Sanitary Notice issued 2-2-06 to field # B356.
92. CONTRIBUTES POLLUTON – 11502 Smith's Neck Road, Carrollton 23314. Dwelling - tan vinyl siding 1-story with blue shutters. 2 persons. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 1-20-06 to field # B268.
93. CONTRIBUTES POLLUTION – 11102 Smith's Neck Road, Carrollton 23314. Dwelling - white wood siding 1-story. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 1-20-06 to field # B265.

94. CONTRIBUTES POLLUTION – 11072 Smith's Neck Road, Carrollton 23314. Dwelling - brown wood siding 1-story with black shutters. 1 person. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 1-20-06 to field # B263.
95. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – 21240 Rescue Road, Carrollton 23314. Dwelling - white vinyl siding 2-story. 1 person. Laundry waste water discharging from house via hose onto ground surface. Sanitary Notice issued 12-1-05 to field # B241.
98. CONTRIBUTES POLLUTION, ***DIRECT*** – Paschal Place, Carrollton 23314. Dwelling - tan vinyl siding 2-story with white trim. No contact. Effluent from septic tank discharging directly to Jones Creek marsh via underground pipe. Sanitary Notice issued 9-30-05 to field # B150.
101. CONTRIBUTES POLLUTION – 10121 Riverview Bluff Road, Carrollton 23314. Dwelling - tan wood siding 1 ½ story with blue trim. 1 person. Effluent erupting from distribution box and drainfield onto ground surface. Sanitary Notice issued 8-18-05 to field # B100.
102. CONTRIBUTES POLLUTION – 21493 Twin Hill Road, Carrollton 23314. Dwelling - white siding 2-story with tan trim. No contact. Effluent from septic tank discharging to woods behind house via flexible pipe. Sanitary Notice issued 8-18-05 to field # B87.
103. CONTRIBUTES POLLUTION – 21464 Twin Hill Road, Carrollton 23314. Dwelling - white vinyl 1-story. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-12-05 to field # B80.
105. CONTRIBUTES POLLUTION – 22602 James River Drive, Carrollton 23314. Dwelling - brick 1-story with white trim. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 8-5-05 to field # B48.
107. CONTRIBUTES POLLUTION – 22028 Bailey Road, Carrollton 23314. Dwelling - white siding 1-story with burgundy shutters. No contact. Effluent from septic tank discharging to dry ditch via underground pipe. Sanitary Notice issued 7-22-05 to field # B25.
108. CONTRIBUTES POLLUTION - 22018 Bailey Road, Carrollton 23314. Dwelling - yellow vinyl siding 1-story with white shutters. 4 persons. Effluent erupting from drainfield onto ground surface 5' from dry ditch. Sanitary Notice issued 7-22-05 to field # B24.
109. CONTRIBUTES POLLUTION – 1185 Smith's Neck Road, Carrollton 23314. Dwelling - tan siding 2-story with brown shutters. 6 persons. Effluent erupting from drainfield mound onto ground surface. Sanitary Notice issued 7-22-05 to field # B22.

110. CONTRIBUTES POLLUTION – 22133 Johnson Lane, Carrollton 23314. Dwelling - white siding 1-story with burgundy shutters. 1 person. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 7-21-05 to field # B11.

#### **POTENTIAL POLLUTION**

1. Dockside Drive, Smithfield 23430. Dwelling - blue wood siding 1-story with white trim. No contact. 1 ½" white PVC pipe exiting side of house, overhanging a ravine approximately 150' from Burwell's Bay beach. No visible discharge at time of survey.
26. 14510 Bethel Church Lane, Smithfield 23430. Dwelling - white particle board siding 1-story. 1 person. Significant amount of black algae present over septic tank, no visible discharge at time of survey.
49. 10283 Park Street, Battery Park 23304. Dwelling - white vinyl siding 2-story with white trim. 2 persons. Occupant states effluent erupts from grease trap occasionally. No evidence of discharge at time of survey.
63. 14062 Ponderosa Lane, Carrollton 23314. Dwelling - beige vinyl siding 2-story with green shutters. 2 persons. Area over drainfield is wet and soft; however there were no odors or algae growth present at time of survey.
69. 21181 Reynolds Drive, Carrollton 23314. Dwelling - beige vinyl siding 1 ½ story with detached barn. 2 persons. Area over septic tank and distribution box are soft and show evidence of past eruptions. No visible discharge at time of survey.
71. 21234 Reynolds Drive, Carrollton 23314. Dwelling - brick ranch style 1-story with cream trim. 3 persons. Occupant states system was recently pumped out due to drainage problems after heavy rain. No discharge at time of survey.
84. 108 Titus Court, Carrollton 23314. Dwelling - white vinyl siding 1-story with green shutters. No contact. Area over septic tank is soft and covered with tall, bright green grass. No visible discharge at time of survey.
99. 10126 Ogilvy Lane, Carrollton 23314. Dwelling - tan vinyl siding 1 ½ story. No contact. Area over drainfield is damp and soft, no odors or visible eruption present at time of survey.
106. 22074 Bailey Road, Carrollton 23314. Dwelling - brick and white vinyl siding 2-story. 3 persons. Area over drainfield is damp and slightly depressed. No visible discharge at time of survey.



## SECTION C: NONSEWAGE WASTE SITES

### INDUSTRIAL WASTES

6. ***DIRECT*** – 351 Pagan Ridge, Smithfield 23430. Business - pork processing plants. Effluent discharging from unknown source directly to Pagan River via underground pipe. Wastes were erupting from underground onto property adjacent to the Pagan River; source is most likely one of the two large pork slaughter houses across the highway.
31. Smithfield Gardens, 800 Burton Drive, Smithfield 23430. Business - nursery and garden center. 2 employees. Located on property was one 1000 gallon above ground diesel fuel tank without a physical berm.
33. Farmer's Service Co., Inc., 865 Main Street, Smithfield 23430. Business - farm equipment store and concrete plant. 28 employees. Located on property was one 4000 gallon above ground diesel fuel tank. The excess concrete and washdown water from the concrete "ready mix" feeders drains into ponds located at the original plant and into holding tanks at the new facility. The residual concrete from these holding tanks is sold for road building material and the washdown water evaporates or percolates into the ground. Has permit # VPA-01024 from the Department of Environmental Quality.
34. S. W. Rawls, Inc., 895 Main Street, Smithfield 23430. Business - heating oil and fuel supplier. 4 employees. Located on property were two 20,000 gallon and one 15,000 gallon diesel fuel tanks, one 20,000 gallon kerosene tank, and one 15,000 gallon gasoline tank. All tanks are above ground and protected by a physical berm.
48. ***DIRECT*** – Pagan River / Dockside Seafood, 10002 Newport Street, Battery Park 23304. Owner: Joe Melzer, 117 Normandy Lane, Newport News 23606. Business - seafood shucker packer (VA-984SP). Processing wastes and floor drains discharge into the Pagan River. Currently being evaluated for general discharge permit from the Department of Environmental Quality.

### SOLID WASTE DUMPSITES

16. Wrenn's Mill Convenience Center, 8196 Old Stage Highway, Smithfield 23430. Owner: Isle of Wight County, PO Box 80, Isle of Wight Courthouse 23397. Public- satellite dumpster location for appliances, furniture, construction debris, recyclable newspaper, and other various material. 2 employees. Facility attended 12 hours per day 364 days per year. All dumpsters in good shape, Oil tank is pumped out monthly.
24. Isle of Wight County Landfill, Wood Acres Way, Smithfield 23430. Owner: Isle of Wight County, PO Box 80, Isle of Wight Courthouse, 23397. Public- landfill. No contact. Landfill is closed, but continues to be monitored by DEQ under Permit # 87.

89. Jones Creek Convenience Center, Boundary Road, Carrollton 23314. Owner: Isle of Wight County, PO Box 80, Isle of Wight Courthouse, 23397. Public-satellite dumpster location for appliances, furniture, construction debris, recyclable newspaper, and other various material. 1 employee. Facility attended 12 hours per day 364 days per year. All dumpsters in good shape.
90. John Marshall Auctioneering, 21207 Boundary Road, Carrollton 23314. Business - car auction lot. 1 employee. Present at time of survey were junked cars, buses, and commercial vehicles.
91. John Marshall Auctioneering, 21209 Boundary Road, Carrollton 23314. Owner: John Marshall, 21207 Boundary Road, Carrollton 23314. Business - car auction lot. 1 employee. Present at time of survey were approximately 20 junked cars.

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

28. Pagan River Townhouses, 104 Commerce Street, Smithfield 23430. Owner: Waterfront Land Corporation, 104 Commerce Street, Smithfield 23430. Private Marina. No contact. 19 slips/moorings. Present at time of survey were 5 pleasure boats greater than 26' in wet storage and 4 pleasure boats less than 26' in dry storage. Boating services provided are water and electricity. There are no containers for solid waste collection, boat holding tank pump-out facilities, or portable toilet dump station facilities provided at this location. Sanitary facilities are provided in the residences, and sewage disposal is to HRSD.
29. Smithfield Station, 415 South Church Street, Smithfield 23430. Owner: Smithfield Landing Corporation, 415 South Church Street, Smithfield 23430. Public: restaurant/lodge/marina. 45 employees. 47 slips/moorings. Present at time of survey were 5 pleasure boats less than 26' and 28 pleasure boats greater than 26'. Boating services provided are water and electricity. Sanitary facilities provided are 1 commode, 2 lavatories, 2 showers, and 2 urinals for men; and 2 commodes, 2 lavatories, and 2 showers for women. Sewage disposal is to HRSD. Boat holding tank pump-out facilities and portable toilet dump station facilities are available at this location. Containers are provided for solid waste disposal.
45. Gatling Pointe Marina, 903 Gatling Pointe Parkway, Smithfield 23430. Owner: East-West Partners of Virginia, 14700 Village Square Road, Midlothian 23112. Private marina and yacht club. No contact. 68 slips/moorings. Present at time of survey were 6 pleasure boats under 26' and 28 pleasure boats over 26'. Boating services provided are water and electricity. Sanitary facilities provided are 3 commodes, 1 urinal, 2 lavatories, and 2 showers for men; and 3 commodes, 2 lavatories, and 2 showers for women. Sewage disposal is to HRSD. Containers for solid waste collection, boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location.

97. Rescue Yacht Basin, 21091 Marina Road, Rescue 23424. Owner: George Hines, Sr., PO Box 53, Rescue 23424. Private marina. 1 employee. 12 slips/4 dry storage spaces available. Present at time of survey were 1 boat less than 26' and 4 boats greater than 26'; and 4 boats less than 26' and 4 boats greater than 26' in dry storage. Boating services provided are electricity and water. Sanitary facilities provided are 1 commode and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There is no portable toilet dump station facility and there is an exemption for boat holding tank pump-out facilities at this location. Containers are provided for solid waste disposal.
100. Brown's Marina, 10230 Brown's Marina Road, Rescue 23424. Owner: Mark and Myron Brown, 10180 Brown's Marina Road, Rescue 23424. Commercial marina. 4 employees. 63 slips/ 20 dry storage spaces available. Present at time of survey were 10 boats under 26' and 30 boats over 26'; and 18 boats under 26' in dry storage. Boating services provided are fuel, electricity, water, and repairs. Sanitary facilities provided are 1 commode, 1 urinal, 1 lavatory, and 1 shower for men; and 2 commodes, 1 lavatory, and 1 shower for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. Boat holding tank pump-out facilities and portable toilet dump station facilities are available at this location. Containers are provided for solid waste disposal.

#### **OTHER PLACES WHERE BOATS ARE MOORED**

48. Pagan River / Dockside Seafood, 10002 Newport Street, Battery Park 23304. Owner: Joe Melzer, 117 Normandy Lane, Newport News 23606. Business - shucker packer/boat docking facility. 3 employees. 6 moorings. There were no boats at time of survey. There are no boating services provided. Sanitary facilities provided are 2 commodes, and 3 lavatories for men; and 1 commode, and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of survey. Containers are available for solid waste collection. There are no boat holding tank pump-out facilities or dump station facilities available at this location.
87. Jones Creek Landing, 21206 Wood Duck Drive, Carrollton 23314. Manager: Fleeta Bags, PO Box 659, Carrollton 23314. Private community pier. 4 moorings available. There were no boats present at time of survey. There are no boating services available. Owner has exemption to the requirement to provide onshore sanitary facilities, boat holding tank pump-out facilities and portable toilet dump station facilities at this location. There are no containers provided for solid waste collection.

88. Jones Creek Public Boat Ramp, Boundary Road, Carrollton 23314. Owner: Isle of Wight County, Department of Parks and Recreation, Smithfield 23430. Public Boat ramps. No contact. There were no boats present at time of survey. The only boating service provided are 2 in-out ramps. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of survey. There are no boat holding tank pump-out facilities or dump station facilities provided at time location.
96. Lawrence Boat Works, 21088 Marina Road, Rescue 23424. Owner: C.W. Lawerance, PO Box 269, Rescue 23424. Business - boat repair shop. No contact. 5 moorings. There were no boats present at time of survey. The only boating service provided are repairs. The in-out ramp onsite is for the owner's use only. Sanitary facilities provided are 1 commode and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of survey. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location. Portable toilet dump station facilities are not available. Containers are provided for solid waste collection.

#### UNDER SURVEILLANCE

50. Pagan River Marina, End of Rt. 1001 (Rescue Road). Owner: Robert Shourot, PO Box 38, Battery Park 23304. Marine- abandoned boat pier for oyster offloading. 0 slips/moorings. There were no boats at time of survey. Facility is closed, gate is chained and locked.

#### SECTION E: CONTRIBUTES ANIMAL POLLUTION

4. 15138 Green Run Lane, Smithfield 23430. Dwelling - white frame 1-story with black shutters. No contact. Present at time of survey were 30 cows in fenced pastures adjacent to Green Run Lane. Waste disposal is unknown.
5. ***DIRECT*** – Route 10, Smithfield 23430. Agriculture - Red barn and cow pasture. No contact. Present at time of survey were 20 cows and calves with direct access to tidal marshes on the Pagan River. Manure is left in pastures.
7. 351 Pagan Ridge Lane, Smithfield 23430. Dwelling - horse stables across road from 2-story stone residence. 2 persons. Present at time of survey were 4 horses, 3 goats, and 2 donkeys. All animals are confined to a fenced yard, and wastes are spread on ground as fertilizer.
17. 10471 Berry Hill Farm Lane, Smithfield 23430. Agriculture - three swine farrowing houses. 4 persons. Present at time of survey were approximately 2000 swine. Animal wastes are collected in lagoons and then spray irrigated onto adjacent fields in accordance with an approved nutrient management plan. Has VPDES Permit # VPA1014 from DEQ.

18. 10471 Berry Hill Farm Lane, Smithfield 23430. Agriculture - cow pastures. 4 persons. Present at time of survey were 25 cows and calves. Cattle are all confined to fenced pastures with no access to tidal waters. Manure is left in the pastures.
19. 10471 Berry Hill Farm Lane, Smithfield 23430. Agriculture - three swine farrowing houses. 4 persons. Present at time of survey were approximately 1500 swine. Animal wastes are collected in lagoons and then spray irrigated onto adjacent fields in accordance with an approved nutrient management plan. Has VPDES Permit # VPA1014 from DEQ.
22. **DIRECT** – 15380 Mill Swamp Road, Smithfield 23430. Dwelling - blue vinyl siding 1-story with white trim and various outbuildings. 1 person. Present at time of survey were 50 chickens, 4 turkeys, 3 emu, 5 peacocks, and 2 mules approximately 200' from Blair's Creek. Emu are kept in a pen, mules were confined to a fenced pasture, however fowl are free-range. Animal wastes are left on ground.
23. 14042 Mill Swamp Road, Smithfield 23430. Dwelling - brick 1-story house. No contact. Present at time of survey were 6 pigs confined to fenced pen. Waste disposal is unknown.
25. 11085 Blair's Creek Road, Smithfield 23430. Dwelling - white vinyl siding doublewide house trailer with red shutters. No contact. Present at time of survey were 40 goats, 1 cow, 1 horse, and 30 fowl (chickens and ducks). Fowl are free to roam property; all other animals are confined to fenced pastures. Manure disposal is unknown.
30. Fox Ridge Farm, 17182 Fox Ridge Lane, Smithfield 23430. Business - horse farm with lessons and boarding. 2 employees. Present at time of survey were 23 horses, 10 cattle, and 1 donkey confined to fenced pastures and stables. Manure is collected and distributed to farmers as fertilizer.
35. 13477 Great Springs Road, Smithfield 23430. Dwelling - white wood siding 2-story with detached matching garage/apartment. No contact. Present at time of survey were 50 cows confined to fenced pastures. Waste disposal is unknown.
36. Great Springs Road, Smithfield 23430. Agricultural- cow pastures adjacent to farm building without an address. No contact. Present at time of survey were 9 cows confined to a pasture. Cows have access to small pond created from an impoundment of Champion swamp. Manure appears to be left in pasture.
37. Scotts Factory Road, Smithfield 23430. Dwelling - Abandoned farm house. No contact. Present at time of survey were 15 cows confined to fenced pastures. Waste disposal is unknown.
39. 15470 Turner Road, Smithfield 23430. Dwelling - yellow vinyl siding 2-story with brown shutters. 1 person. Present at time of survey were 5 horses confined to fenced pastures and 20 chickens in a coop. Horse manure is collected from fields for composting.

41. 18243 Muddy Cross Drive, Smithfield 23430. Dwelling - brick 1-story ranch style with white vinyl trim. 1 person. Present at time of survey were 8 sheep confined to fenced pasture. Animal wastes are left on pastures.
43. Chesapeake Training Center, 18403 Cypress Crossing, Smithfield 23430. Business - horse boarding and training facility. 5 employees. Present at time of survey were 46 horses confined to fenced pastures and stables. Manure is collected and spread on fields.
51. **DIRECT** – 20844 Rescue Road, Battery Park 23304. Dwelling - red concrete block 1-story building. 4 persons. Present at time of survey were 15 goats, 55 chickens, and 1 turkey. Goats are confined to fenced pens; chickens are free-range on property adjacent to Jones Creek. Wastes are collected and used in gardens.
52. 20626 Rescue Road, Battery Park 23304. Dwelling - frame 2-story chalet with a brown and red composition roof. 1 person. Present at time of survey were 15 donkeys, 17 goats, 7 llamas, 5 emus, 5 rheas, 3 zebras, 2 ostriches, and 75 assorted fowl in pens. All large animals are confined to fenced areas; fowl are confined in an enclosed pond on property. Manure is left in fields.
58. 12367 The Oaks Lane, Smithfield 23430. Dwelling - cream vinyl siding 1-story with taupe trim. No contact. Present at time of survey were 4 horses, 1 goat, and 1 cow confined to fenced pasture. Manure appears to be left in pasture.
62. 13405 Doggett Lane, Carrollton 23314. Dwelling - white vinyl siding 2-story with black shutters and matching horse stable. No contact. Present at time of survey were 5 horses confined to fenced pastures. Waste disposal is unknown.
64. 20595 Reynolds Drive, Carrollton 23314. Dwelling - white vinyl siding 2-story with black shutters and various farm outbuildings. No contact. Present at time of survey were 8 cows in fenced pastures. Waste disposal is unknown.
67. 13411 Col. Hogan Lane, Carrollton 23314. Dwelling - brick and beige vinyl siding 1-story with black shutters and red horse barn. 1 person. Present at time of survey were 2 horses and 3 goats confined to fenced pastures. Waste disposal is unknown.
73. 12300 Bay Harbor Lane, Carrollton 23314. Dwelling - blue vinyl siding 2-story with white trim. 4 persons. Present at time of survey were 2 horses, 7 goats, and 5 guinea hens. All animals are confined to fenced pens and wastes are disposed in gardens.
78. 22077 Waterhaven Point, Carrollton 23314. Dwelling - wood siding 1-story with red trim. 2 persons. Present at time of survey were 15 hunting dogs in pens, 6 goats in fenced field, and 40 assorted fowl. Dog pens are hosed down with water, and goat waste is left in fields.

82. Hunters Way Horse Farm, 21383 Titus Creek Drive, Carrollton 23314. Business - horse farm, white barn with black shutters. 3 employees. Present at time of survey were 36 horses in fenced pastures. Manure is collected into waste pile which is removed from property on a monthly basis.
104. 11047 Smiths Neck Road, Carrollton 23314. Dwelling - yellow siding 1-story. 2 persons. Present at time of survey were 10 goats and 1 donkey in fenced fields, and 15 chickens in coops. Wastes are left on fields.

## SUMMARY

**Area #061**  
**Pagan River**  
**7 April 2006**

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT FACILITIES

1 – DIRECT – # 76  
0 – INDIRECT – None  
1 – B.1. TOTAL

#### 2. ONSITE SEWAGE DEFICIENCIES

Correction of deficiencies in this section is the responsibility of the local health department.

6 – CONTRIBUTES POLLUTION, DIRECT - # 44, 55, 68, 74, 75, 98  
44 – CONTRIBUTES POLLUTION, INDIRECT - # 2, 3, 8, 9, 10, 11, 12, 13, 14, 15, 20,  
21, 27, 38, 40, 42, 46, 53, 54, 56, 57, 59, 60, 61, 65, 66, 77, 79, 80, 81, 83, 85,  
86, 92, 93, 94, 101, 102, 103, 105, 107, 108, 109, 110  
1 – CP (Kitchen or Laundry Wastes), DIRECT – # 47  
4 – CP (Kitchen or Laundry Wastes), INDIRECT – # 32, 70, 72, 95  
0 – NO FACILITIES, DIRECT – None  
0 – NO FACILITIES, INDIRECT – None  
55 – B.2. TOTAL

#### 3. POTENTIAL POLLUTION

Periodic surveillance of these properties will be maintained to determine any status change.

9 – POTENTIAL POLLUTION – # 1, 26, 49, 63, 69, 71, 84, 99, 106

### SECTION C: NON-SEWAGE WASTE SITES

#### 1. INDUSTRIAL WASTE SITES

2 – DIRECT – # 6, 48  
3 – INDIRECT – # 31, 33, 34  
5 – C.1. TOTAL

#### 2. SOLID WASTE DUMPSITES

0 – DIRECT – None  
5 – INDIRECT – # 16, 24, 89, 90, 91  
5 – C.2. TOTAL

### SECTION D: BOATING ACTIVITY

5 – MARINAS – # 28, 29, 45, 97, 100  
4 – OTHER PLACES WHERE BOATS ARE MOORED – # 48, 87, 88, 96  
1 – UNDER SURVEILLANCE – # 50  
10 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

3 – DIRECT – # 5, 22, 51  
23 – INDIRECT – # 4, 7, 17, 18, 19, 22, 23, 25, 30, 35, 36, 37, 39, 41, 43, 52, 58, 62, 64,  
67, 73, 78, 82, 104  
26 – E. TOTAL

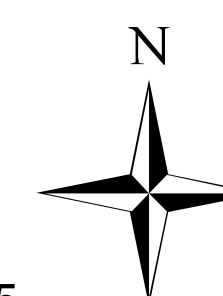


Virginia Department of Health  
Division of Shellfish Sanitation

Pagan River  
Growing Area # 61  
Shoreline Sanitary Survey

Isle of Wight County

Date: 7 April 2006  
Survey By: S.E. Naylor, & J.H. Ray  
Number of Properties Surveyed: 2107



**Legend**

- Sampling Station - New
- Sampling Station - Historical
- Sewered areas
- DGIF Boat Ramps

**Shoreline Survey Deficiencies**

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect